

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-75 (Canceled).

76. (New) A device for sweeping across a substantially horizontal surface, the device comprising:

a push broom having a broom head for sweeping across the horizontal surface and a handle attached thereto for pushing and conducting fluid to the broom head, the broom head comprising a block having a lower surface, the lower surface of the block including a plurality of bristles extending downwardly therefrom, the block further comprising an upper surface above the lower surface;

a water channel formed by a molded plastic material that is positioned within the block, the water channel extending from a left side of the block to a right side of the block, for conducting fluid from the handle;

a plurality of nozzles connected to the water channel for expelling fluid under pressure directly forward and downward ahead of the broom head and onto the horizontal surface; and

a valve connected to the handle for regulating the fluid flow through the handle.

77. (New) The device of claim 76, wherein the plurality of nozzles are made of a molded plastic material.

78. (New) The device of claim 76, wherein the water channel structure and the plurality of nozzles are formed as one integrated unit by a molded plastic material.

79. (New) The device of claim 76, further comprising a nozzle guard provided on the broom head and positioned forward of a front vertical plane of the plurality of nozzles, the guard positioned from a left side of the broom head to a right side of the broom head for protecting the plurality of nozzles from damage when the broom head is thrust against a substantially vertical surface.

80. (New) The device of claim 76, wherein the plurality of nozzles are placed in recessed positions behind a front surface of the block.

81. (New) The device of claim 76, wherein the plurality of nozzles are connected to an exterior planar surface that is positioned at an angle to a front vertical axis of the block.

82. (New) The device of claim 76, wherein the broom handle comprises a grip section that provides an elongated handle section with a first handle diameter that is greater than a second handle diameter of a non-grip section of the broom handle.

83. (New) The device of claim 76, further comprising an o-ring seal provided on at least one of the valve, the handle, and the broom head.

84. (New) The device of claim 76, further comprising at least one of a quick connector and a snap connector provided on at least one of the valve and handle assembly, and the broom head.

85. (New) A device for sweeping across a substantially horizontal surface, the device comprising:

a push broom having a broom head for sweeping across the horizontal surface and a handle attached thereto for pushing and conducting fluid to the broom head, a broom head component comprising a block having a lower surface, the lower surface of the block including a plurality of bristles extending downwardly therefrom, the block further comprising an upper surface above the lower surface, and a block cutout section from and inset within the block that extends continuously from a left side of the block to a right side of the block;

a removably attachable spray bar substantially sized to fit and positioned within the block cutout section that provides a water channel for conducting fluid from the broom handle, the spray bar further comprising a plurality of nozzles for expelling fluid under pressure directly forward and downward ahead of the broom head and onto the horizontal surface; and
a valve connected to the handle for regulating the fluid flow through the handle.

86. (New) The device of claim 85, wherein the spray bar and the plurality of nozzles are made of a molded plastic material.

87. (New) The device of claim 85, wherein the spray bar and the plurality of nozzles are made of a molded plastic material as one integrated unit.

88. (New) The device of claim 85, further comprising an o-ring seal provided on at least one of the valve, the handle assembly, the broom head, and the spray bar.

89. (New) The device of claim 85, further comprising at least one of a quick connector and a snap connector provided on at least one of the valve and handle assembly, the broom head, and the spray bar.

90. (New) The device of claim 85, wherein the broom handle comprises a grip section that provides an elongated handle section with a first handle diameter that is greater than a second handle diameter of a non-grip section of the broom handle.

91. (New) A device for sweeping across a substantially horizontal surface, the device comprising:

a push broom having a broom head for sweeping across the horizontal surface and a handle attached thereto for pushing and conducting fluid to the broom head, a broom head component comprising a block with a lower surface, the lower surface including a plurality of bristles extending downwardly therefrom and an upper surface above the lower surface;

a spray bar comprising front, rear, top, bottom, left and right planar surfaces attached to the block where the spray bar extends from a left side of the block to a right side of the block, and where the planar surfaces form a water channel for conducting fluid from the handle, the spray bar further comprising a fixture for attaching to and receiving fluid from the handle, a plurality of nozzles placed in recessed positions behind the front planar surface for expelling fluid under pressure directly forward and downward ahead of the broom head and onto a horizontal surface, and a plurality of holes through the spray bar for receiving an attachment means for attaching the spray bar to the block; and

a valve connected to the handle for regulating the fluid flow through the handle.

92. (New) The device of claim 91, wherein the spray bar and the plurality of nozzles are made of a molded plastic material.

93. (New) The device of claim 91, wherein the spray bar and the plurality of nozzles are made of a molded plastic material as one integrated unit.

94. (New) The device of claim 91, wherein the front planar surface of the spray bar front planar surface is at an angle with respect to a front vertical axis of the block.

95. (New) The device of claim 91, further comprising a nozzle guard provided on the broom head and positioned forward of a front vertical plane of the plurality of nozzles, the guard positioned from a left side of the broom head to a right side of the broom head for protecting the plurality of nozzles from damage when the broom head is thrust against a substantially vertical surface.

96. (New) The device of claim 91, wherein the spray bar is positioned on the top of the block.

97. (New) A device for sweeping across a substantially horizontal surface, the device comprising:

a push broom having a broom head for sweeping across the horizontal surface and a handle attached thereto for pushing and conducting fluid to the broom head, a broom head component comprising a lower surface, the lower surface including a plurality of bristles extending downwardly therefrom, the broom head further comprising an upper surface above the lower surface;

a water channel made of a molded plastic material positioned on the block for conducting fluid from the handle to a plurality of nozzles;

a plurality of nozzles connected to the water channel for expelling fluid under pressure directly forward and downward ahead of the broom head and onto the horizontal surface;

an assembly comprising a fluid pump and a gasoline engine that is mounted to the broom handle;

an engine control connected to the handle for regulating the gasoline engine; and

a valve control connected to the handle for regulating the fluid flow through the handle.

98. (New) The device of claim 97, wherein a valve is positioned on the handle, wherein the valve is operated by the valve control.

99. (New) The device of claim 97, wherein a valve is positioned on the assembly, wherein the valve is operated by the valve control.

100. (New) The device of claim 97, wherein the plurality of nozzles are placed in recessed positions behind a front surface of the spray bar.

101. (New) The device of claim 97, wherein the plurality of nozzles are placed in recessed positions behind a front surface of the block.

102. (New) The device of claim 97, further comprising a nozzle guard provided on the broom head and positioned forward of a front vertical plane of the plurality of nozzles, the guard positioned from a left side of the broom head to a right side of the broom head for protecting the nozzles from damage when the broom head is thrust against a substantially vertical surface.

103. (New) A device for sweeping across a substantially horizontal surface, the device comprising:

a push broom having a broom head for sweeping across the horizontal surface and a handle attached thereto for pushing and conducting fluid to the broom head, a broom head component comprising a lower surface, the lower surface including a plurality of bristles extending downwardly therefrom, the broom head further comprising an upper surface above the lower surface;

a water channel made of a molded plastic material positioned on the block for conducting fluid from the handle to a plurality of nozzles;

a plurality of nozzles connected to the water channel for expelling fluid under pressure directly forward and downward ahead of the broom head and onto the horizontal surface;

a backpack;

an assembly comprising a fluid pump and gasoline engine mounted to the backpack;

a connecting hose for connecting the assembly to the broom handle;

an engine control connected to the handle for regulating the gasoline engine; and

a valve control connected to the handle for regulating the fluid flow through the handle.

104. (New) The device of claim 103, further comprising a valve positioned on the handle, wherein the valve is operated by the valve control.

105. (New) The device of claim 103, further comprising a valve positioned on the assembly, wherein the valve is operated by the valve control.

106. (New) The device of claim 103, wherein the plurality of nozzles are placed in recessed positions behind a front surface of the spray bar.

Respectfully submitted,



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